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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: John C. LYNK et al

SERIAL NO: 09/973,558

ART UNIT: 2154

FILED: 09 OCT 01

EXAMINER: Kenny Lin

**SUBJECT: APPARATUS AND METHOD FOR PREDICTING PHYSICAL
TOPOLOGIES WITHIN OPTICAL NETWORKS**

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JUL 27 2005

Mail Stop: Response to the Office Action

Commissioner for Patents

United States Patent and Trademark Office

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Sir:

In response to the Office Action mailed February 11, 2005 please
amend the above-identified application, as follows. A petition for extension of time is
being submitted concurrently herewith.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 3 of this paper.

Remarks/Arguments begin on page 9 of this paper.